

Rat Troponin T, cardiac muscle ELISA Kit | Tnnt2 elisa kit

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CATALOG #
AAA23336

REACTIVITY
Rat

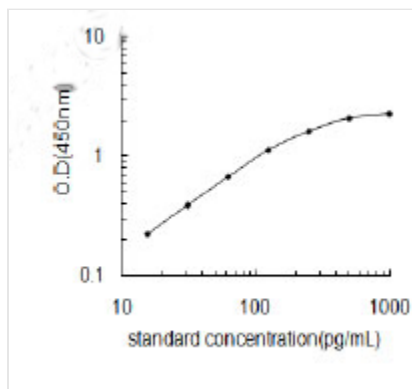
PRODUCT SYNONYMS

Troponin T; cardiac muscle; Rat Troponin T; cardiac muscle ELISA Kit; TnTc; Cardiac muscle troponin T; cTnT; Tnnt2; Tnnt2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Troponin T, cardiac muscle,TnTc
Sequence Length	299
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6 pg/mL -1000 pg/mL
Intra-assay Precision	Intra-Assay CV: <=7.1%
Inter-assay Precision	Inter-Assay CV: <=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tnnt2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981666
NCBI GeneID	24837
NCBI Accession #	NP_036808.1
NCBI GenBank Nucleotide #	NM_012676.1
UniProt Accession #	P50753
Molecular Weight	34,452 Da
NCBI Official Full Name	troponin T, cardiac muscle
NCBI Official Synonym Full Names	troponin T2, cardiac type
NCBI Official Symbol	Tnnt2
NCBI Official Synonym Symbols	Ctt; CTTG; Tnnt3; RATCTTG
NCBI Protein Information	troponin T, cardiac muscle
UniProt Protein Name	Troponin T, cardiac muscle
UniProt Gene Name	Tnnt2
UniProt Synonym Gene Names	TnTc; cTnT
UniProt Entry Name	TNNT2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tnnt2-rat-elisa-kits/troponin-t-cardiac-muscle/23336>